

Amendments to the Claims:

This listing of the claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

Claims 1 – 38 (Cancelled)

Claim 39 (New). A method for updating system software in a wireless communications device, the method comprising:

providing a patch manager to manage system software updates;
storing said system software update on a nonvolatile memory module comprising a file system section, a patch manager run time instruction (PMRTI) section, a code storage section, and patch manager code section;
forming the system software into a plurality of symbol libraries, comprising a first symbol library, a second symbol library, and a third symbol library, wherein each symbol library comprises a plurality of symbols having a related functionality; and

arranging said first symbol library, said second symbol library, and said third symbol library in at least two code sections, wherein said second symbol library and the third symbol library are arranged contiguously within a single code section on the non volatile memory module.

Claim 40 (New). The method of claim 39 further comprising executing the system software update from the nonvolatile memory, loading said system

software update from the patch manager code section and the code storage section within said nonvolatile memory module to a memory component and performing at least one requested action.

Claim 41 (New). The method of claim 40, wherein forming the system software into the plurality of symbol libraries, further comprises forming a symbol access code and arranging said symbol access code in the corresponding symbol library.

Claim 42 (New). The method of claim 41, further comprises referencing the symbol access code to calculate an address of a sought symbol, comprising accessing a code section address table and a symbol address table.

Claim 43 (New). The method of claim 41 further comprising associating a first symbol access code with the first symbol library, associating a second symbol access code with the second symbol library, associating a third symbol access code with the third symbol library.

Claim 44 (New). The method of claim 43, wherein said third symbol access code is stored contiguously to said second symbol library on said memory component.

Claim 45 (New). A wireless communication device comprising:

a nonvolatile memory module comprising, a patch management run time instructions (PMRTI) section, a file system section (FSS), a code storage section, and a patch manager code section; and

a memory component comprising a first symbol library, a second symbol library, and a third symbol library, wherein each symbol library comprises a plurality of symbols having a related functionality, said memory component having arranged said first symbol library, said second symbol library, and said third symbol library in at least two code sections, in which the second symbol library and the third symbol library are arranged contiguously within a single code section.

Claim 46 (New). The wireless communication device of claim 45, wherein said patch management run time instructions (PMRTI) section configured to enable said system software updates to be implemented on said wireless communication device.

Claim 47 (New). The wireless communication device of claim 45, wherein the memory component is located on the nonvolatile memory.

Claim 48 (New). The wireless communication device of claim 45, wherein the memory component is located on a volatile memory.

Claim 49 (New). The wireless communication device of claim 45, wherein the memory component is located on the nonvolatile memory and a volatile memory.

Claim 50 (New). The wireless communication device of claim 45 wherein said code storage section comprises said at least two code sections.

Claim 51 (New). The wireless communication device of claim 50 wherein each code section stores a system software update.

Claim 52 (New). The wireless communication device of claim 51 wherein said patch manager code section is configured to control said system software updates that are downloaded.